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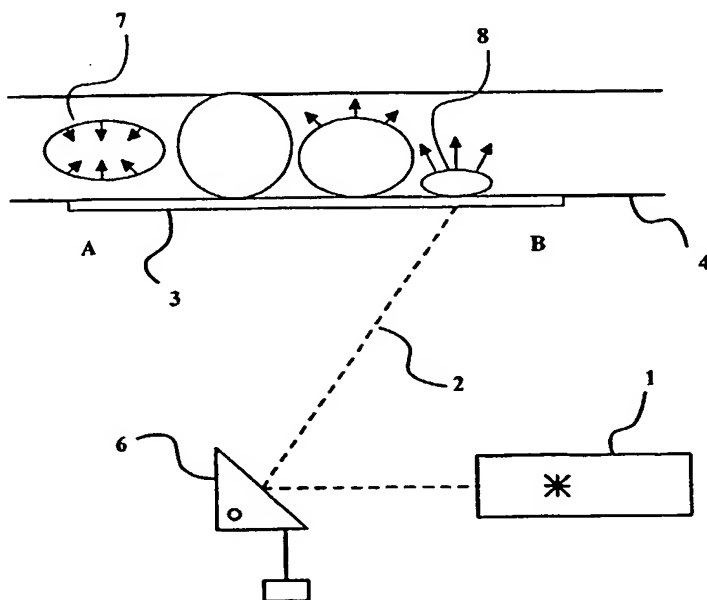
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(54) Title: MICRO LIQUID HANDLING DEVICE AND METHODS FOR USING IT



(57) **Abstract:** The invention makes available methods and devices for handling liquids in micro channel systems by means of bubbles generated by a movable light beam. In particular the devices relate to pumps, valves, mixers and thermal reactors in micro channel systems and the combination of these devices into larger systems. The methods relate the preparation and operation of the devices.

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